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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PETITION FOR EXTENSION OF TIME
FROM THE OFFICE ACTION**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on December 22, 2005.

(Signature)
Ann Bounthavong

Applicant	:	Jun Cao	Confirmation No. 9756
Application No.	:	09/955,693	
Filed	:	September 18, 2001	
Title	:	LINEAR PHASE DETECTOR FOR HIGH-SPEED CLOCK AND DATA RECOVERY	
Grp./Div.	:	2634	
Examiner	:	Linda Wong	
Docket No.	:	50958/B600	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
December 22, 2005

Commissioner:

Applicant petitions the Commissioner to extend the time for response to the Office action dated June 28, 2005 for 1 month(s) from November 30, 2005 to December 30, 2005.

The fee for extension of time required by 37 CFR § 1.17 is calculated below.

CALCULATION OF FEE			
LENGTH OF EXTENSION	SMALL ENTITY	LARGE ENTITY	FEES
WITHIN FIRST MONTH	\$ 60	\$ 120	\$120
WITHIN SECOND MONTH	\$ 225	\$ 450	\$0
WITHIN THIRD MONTH	\$ 510	\$ 1020	\$0
WITHIN FOURTH MONTH	\$ 795	\$1590	\$0
WITHIN FIFTH MONTH	\$1080	\$2160	\$0

12/27/2005 EFLORES 00000100 031728 09955693

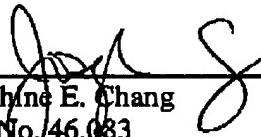
01 FC:1251 120.00 DA

Petition for Extension of Time
Application No. 09/955,693

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A copy of this letter is enclosed.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

Josephine E. Chang
Reg. No. 46,083
626/793-9900

JEC/ab

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Date: December 22, 2005
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PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:

Name: Commissioner of Patents
Art Unit: 2634
Examiner: Linda Wong
From: Josephine E. Chang
Reg No. 46,083
Re: Application No. 09/955,693
Filed September 18, 2001
Entitled LINEAR PHASE DETECTOR FOR HIGH-SPEED CLOCK AND DATA
RECOVERY
File: CPH Ref. B600:50958

I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO
THE UNITED STATES PATENT AND TRADEMARK OFFICE ON December 22, 2005.


Ann Bounthavong

*Correspondence: Amendment Transmittal
Supplemental Amendment After Final Action
Petition for Extension of Time

For Office Services Use Only
Return Fax to Ann Bounthavong

Christie, Parker & Hale, LLP
350 West Colorado Boulevard
Post Office Box 7068
Pasadena, CA 91109-7068
626-795-9900
Fax: 626-577-8800

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT TRANSMITTAL LETTER**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on December 22, 2005.


 Ann Bounthavong

Applicant	: Jun Cao	Confirmation No. 9756
Application No.	: 09/955,693	
Filed	: September 18, 2001	
Title	: LINEAR PHASE DETECTOR FOR HIGH-SPEED CLOCK AND DATA RECOVERY	
Grp./Div.	: 2634	
Examiner	: Linda Wong	
Docket No.	: 50958/B600	

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Post Office Box 7068 Pasadena, CA 91109-7068 December 22, 2005
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Commissioner:

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED											
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE					
Total Claims Fee	9	*23	0	0 x \$25.00	0 x \$50.00	0					
Independent Claims	1	** 3	0	0 x \$100.00	0 x \$200.00	0					
Multiple Dependent Claims ***				\$180.00	\$360.00	0					
TOTAL FILING FEE						0					
NO ADDITIONAL FEE REQUIRED	IF NO FEE REQUIRED, INSERT "0"					0					
LIST INDEPENDENT CLAIMS: 13											
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME											

**Amendment Transmittal Letter
Application No. 09/955,693**

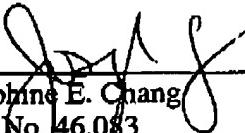
X Attached is our check for \$ to pay the fees calculated above.

A Petition for Extension of Time and the required fee are enclosed.
Other enclosures:

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 
Josephine E. Chang
Reg. No. 46,083
626/795-9900

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**PATENT
RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2634**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Ann Bounthavong

Appl No.	: 09/955,693	Confirmation No. 9756
Applicant	: Jun Cao	
Filed	: September 18, 2001	
Title	: LINEAR PHASE DETECTOR FOR HIGH-SPEED CLOCK AND DATA RECOVERY	
TC/A.U.	: 2634	
Examiner	: Linda Wong	
Docket No.	: 50958/B600	
Customer No.	: 23363	

SUPPLEMENTAL AMENDMENT AFTER FINAL ACTION

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
December 22, 2005

Commissioner:

In response to the Final Office action of June 28, 2005 and the second Supplemental Advisory Action dated December 2, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.